

EPA ID: NJD005440342 Site Name: DESOTO, INCORPORATED

State ID:

Alias Site Names:

City: PENNSAUKEN

County or Parish: CAMDEN

State: NJ

Refer to Report Dated: 03/29/2001

Report Type: Site Inspection Prioritization 001

Report Developed by: START

DECISION:

- ☒ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:
- ☒ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)
- ☐ 1b. Site may qualify for action, but is deferred to:
- ☐ 2. Further Assessment Needed Under CERCLA:
- 2a. Priority: ☐ Higher ☐ Lower
- 2b. Other: (recommended action) NFRAP (No Further Remedial Action Planned)

DISCUSSION/RATIONALE:



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DISCUSSION/RATIONALE:

The Desoto Incorporated (Desoto) site is designated as No Further Remedial Action Planned (NFRAP). The site is located in a partially industrial/residential area in Pennsauken Township, Camden County, NJ. The site is bordered to the north by Aluminum Shapes, Inc., to the northeast by the Pennsauken Sanitary Landfill, to the west by River Road, and to the south by a residential area.

Desoto purchased the property in 1963 and built a paint manufacturing facility to produce water-borne coatings for the consumer market and solvent-borne coatings for both the consumer market and for industrial applications. A dry solids detergent manufacturing operation was added in 1971. The property was sold to Aluminum Shapes, Inc in 1984. Aluminum Shapes, Inc. also owns the property located adjacent to the Desoto property. The Desoto property is currently occupied by the Delair Group, Inc., a subsidiary of Aluminum Shapes, Inc., which manufactures pools, spas, fences, and other aluminum products.

Wastes generated onsite included solvents used to clean ball mills, sand mills, thin-down tanks, and associated equipment. This reclaimed solvent was pumped to two outside storage tanks where it was temporarily stored until it was reclaimed by another company. As a result of corrective action taken at the facility by the NJDEP regarding solvent-type emissions, the manufacturing of industrial solvent-borne coatings at the facility was discontinued in 1977.

All operations at Desoto ceased in 1982 prior to the transfer of ownership to Aluminum Shapes. As the result of an NJDEP ECRA inspection in 1984, Desoto removed approximately 800 gallons of solvents from underground storage tanks (USTs). All tanks, lines, pumps, and equipment involved in the production of solvent-borne paints were emptied and cleaned. The tank systems were tested and found to be tight.

Sampling results from the START investigation indicate contamination of the soils surrounding two former solvent waste storage tanks, the former underground tank farm, and the former clarifier tank. VOC and SVOC contaminants include acetone, methyl acetate, methylene chloride, toluene, 2-hexanone, ethylbenzene, xylene, isopropylbenzene, isophorone, naphthalene, 2-methylnaphthalene, 1,1'-biphenyl, di-n-butylphthalate, 4-methyl-2-pentanone, 2- and 4-methylphenol, acenaphthene, phenanthrene, and bis(2-ethylhexyl)phthalate.

GW: There is no observed release to groundwater nor is one suspected. VOCs and SVOCs were not detected in the groundwater samples taken from the monitoring wells downgradient of the site on the Aluminum Shapes property nor in the grab groundwater sample taken from the Desoto property in an area upgradient of waste disposal locations. Several metals were detected in MW-8 above MCLs (chromium and thallium) and in the grab groundwater sample (arsenic, beryllium, cadmium, chromium, mercury, nickel, and thallium). There are no comparable background samples for the monitoring well samples and the grab groundwater sample is located upgradient of disposal areas, with the majority of the metals having not been detected in the soil samples taken from the source areas.

The site is located in the PRM aquifer which serves as a drinking water source for approximately 106,278 people using private and public wells within 4 miles of the site. The groundwater is also used for industrial, commercial, and institutional purposes. Groundwater flow regionally is to the southwest, depending on which wellfield is pumping, but groundwater at the site flows toward the north. The nearest well is the Morris Well No. 8, a public supply well owned by the City of Camden, located approximately 1320 feet northwest of the site.

SW: A release to surface water has not been observed nor is one suspected. Surface drainage from the site to the Delaware River is restricted by River Road and the Penn Central Railroad tracks. Surface runoff enters storm drains which are connected with other local storm drains. This system eventually discharges untreated into a marshland adjacent to the Delaware River approximately 0.5 miles from the site.

There is a drinking water intake located approx. 7 miles upstream of the site which serves 706,944 people. The Delaware is a fishery and provides habitat for Federal and State-listed endangered species. There are approx. 10 miles of wetland frontage along the 15-mile surface water pathway.

SE: Analytical results indicate that site soils are contaminated with VOCs and SVOCs attributable to past site operations. There are approx. 100 people who work on or with 200 feet of observed contamination. There are no schools or daycare centers located on or within 200 feet of contamination. There are residences located within 200 feet of the site, but not within 200 feet of contamination. The site is surrounded by a well maintained fence. There are no terrestrial sensitive environments located on or within 200 feet.

Air: A release to air is suspected from former site operations, although there is currently no potential for a release. In 1977, residents complained of solvent-type emissions from the Desoto site. Desoto claimed that the source of the odors was an adjacent manufacturing facility. In 1991, the DEP conducted an assessment at the site during which high levels of VOCs were detected with a Hnu and an OVA around the waste storage tanks.

Approx. 315,569 people reside within 4 miles of the site. There are 100 workers onsite and approx. 595 acres of wetlands are located within a 4 mile radius of the site.

Site Decision Made by: KRISTIN DOBINSON

Signature: 

Date: 03/30/2001